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*Average Fire Damage from Increased Run-Off and Erosion  
on the Southern California National Forests*

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AND

CLIVE M. COUNTRYMAN



1948

California Forest and Range Experiment Station

Berkeley, California

Stephen N. Wyckoff, Director

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AVERAGE FIRE DAMAGE FROM INCREASED RUN-OFF AND EROSION  
ON THE SOUTHERN CALIFORNIA NATIONAL FORESTS

By

Charles C. Buck, Wallace L. Fons and Clive M. Countryman<sup>1/</sup>

Effective management and planning of fire control activities on southern California watershed areas require both systematic appraisal of damages from current fires and comparable estimates of damage that can be expected from future fires. Watershed damages—those resulting from increased run-off and erosion following fire—constitute an important part of the total damage from fire on most southern California watersheds. They must therefore be determined and added to the other direct and indirect damages from fire to secure an adequate appraisal of total fire damage.

Estimates of run-off and erosion damage following fire have been derived from a special watershed damage study. These estimates have been published in a form suitable for current fire damage appraisals on individual watershed units of the four southern California national forests<sup>2/</sup>. The purpose of this second paper is to present the same data in a form more convenient for use in predicting probable run-off and erosion damages expected from fires in the future or from those burning currently for which the locations of ultimate control lines are unknown.

The average damage rates in the tables that follow were calculated directly from the detailed figures given in the earlier publication. They are based on the assumption that, on the average, fires in each appraisal unit will be distributed among the upstream zones described in the earlier publication in proportion to their respective burnable areas. The average run-off and erosion damage rates given here are thus the weighted average upstream rates to which have been added the sum of the downstream rates for each appraisal unit. The area indicated for each appraisal unit is the net area that will suffer run-off and erosion damage from fire

Maps showing the locations of the individual appraisal units to which the fire damage estimates apply precede the tables.

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<sup>1/</sup> California Forest and Range Experiment Station maintained by the Forest Service, U. S. Department of Agriculture at Berkeley, California in cooperation with the University of California.

<sup>2/</sup> Fire damage from increased run-off and erosion, Angeles, San Bernardino, Cleveland, and Los Padres national forests; Charles C. Buck, Wallace L. Fons and Clive M. Countryman. 4 volumes, tables and maps, 1948.



FIRE DAMAGE APPRAISAL UNIT MAPS

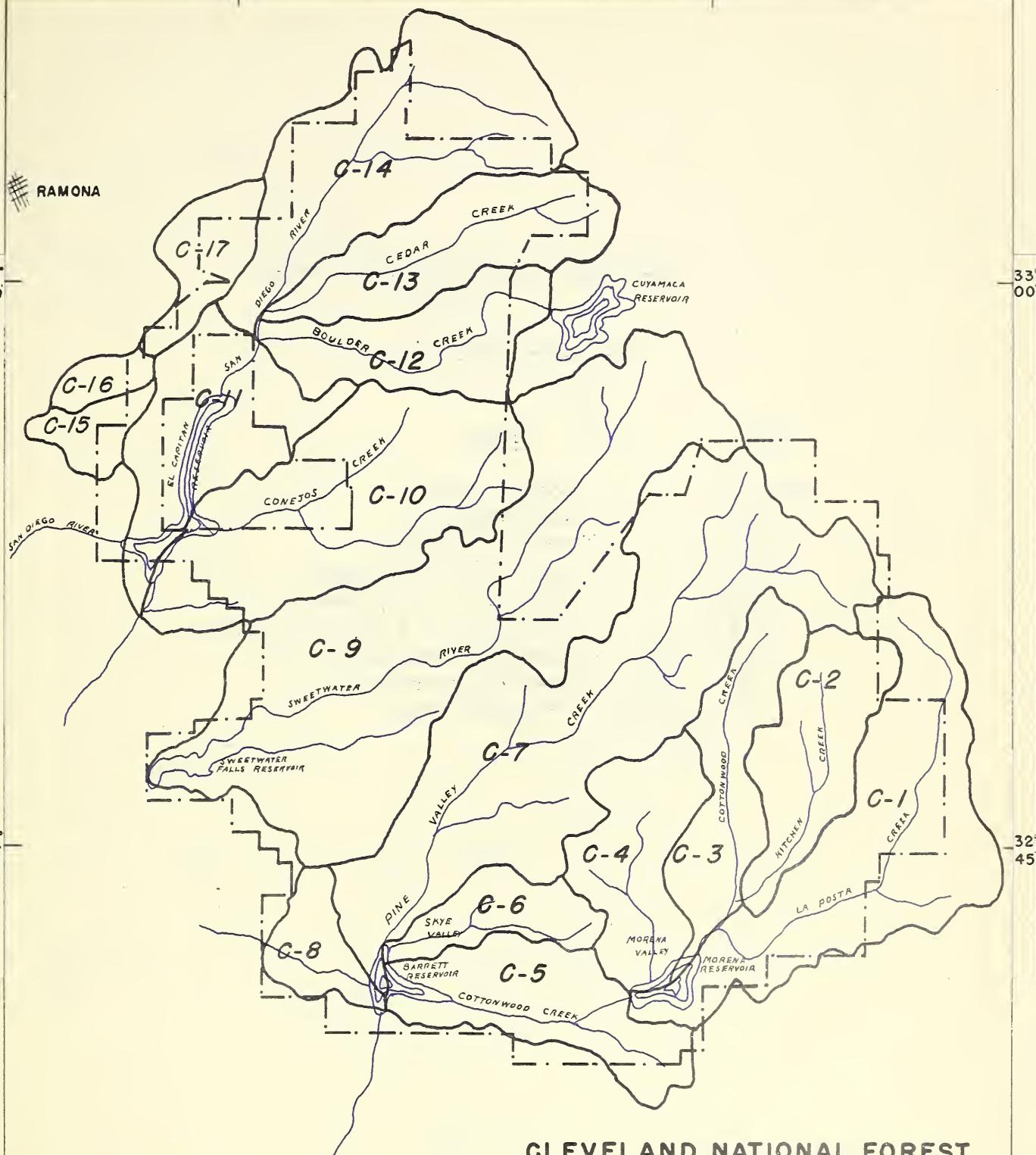
AND TABLES

Cleveland National Forest

FIRE DAMAGE APPRAISAL UNIT MAPS

Descanso Ranger District

<u>No.</u>	<u>Name</u>
C-1	La Posta Creek
2	Kitchen Creek
3	Cottonwood Creek
4	Bear Valley
5	Barrett Lake
6	Skye Valley
7	Pine Valley Creek
8	Wilson Creek
9	Sweetwater River
10	Conejos Creek
11	El Capitan Reservoir
12	Boulder Creek
13	Cedar Creek
14	San Diego River
15	Featherstone Canyon
16	Wright Canyon
17	Mt. Gower



LEGEND

- C-12 UNIT NUMBER
- UNIT BOUNDARY
- - - NATIONAL FOREST BOUNDARY
- ~~~~ STREAM

CLEVELAND NATIONAL FOREST

DESCANSO RANGER DISTRICT

FIRE DAMAGE APPRAISAL UNITS

1948

SCALE IN MILES

2 0 2 4 6

CALIFORNIA FOREST & RANGE EXPERIMENT STATION

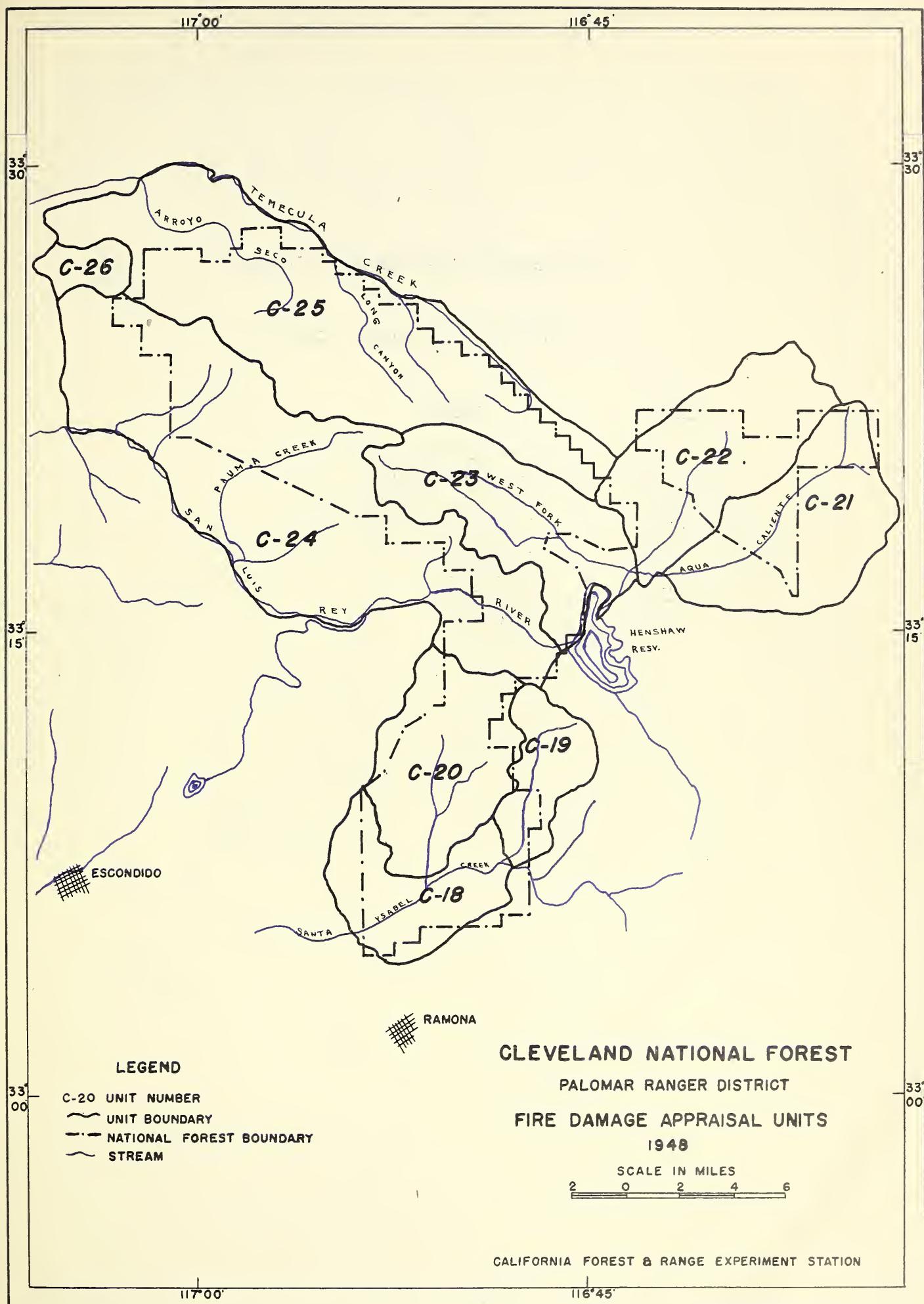
116°45'

116°30'

FIRE DAMAGE APPRAISAL UNIT MAPS

Palomar Ranger District

<u>No.</u>	<u>Name</u>
C-18	Roden Canyon
19	Black Canyon
20	Temescal Creek
21	Agua Caliente Creek
22	Puerta La Cruz Creek
23	West Fork San Luis Rey River
24	San Luis Rey River
25	Temecula Creek
26	Pechanga Creek



FIRE DAMAGE APPRAISAL UNIT MAPS

Trabuco Ranger District

<u>No.</u>	<u>Name</u>
C-27	San Mateo Creek
28	San Juan Creek
29	Trabuco Canyon
30	Santiago Creek
31	Sierra Canyon
32	Elsinore
33	Lee Lake
34	Corona



C-28 UNIT NUMBER  
— UNIT BOUNDARY  
- - - NATIONAL FOREST BOUNDARY  
- - - COUNTY BOUNDARY  
~~~~~ STREAM

**CLEVELAND NATIONAL FOREST  
TRABUCO RANGER DISTRICT  
FIRE DAMAGE APPRAISAL UNITS  
1948**

SCALE IN MILES

CALIFORNIA FOREST & RANGE EXPERIMENT STATION

117°45'

117°30'

117°15'



## AVERAGE RUN-OFF AND EROSION DAMAGE EXPECTED FROM FUTURE FIRES ON WATERSHEDS OF CLEVELAND NATIONAL FOREST

| Fire Damage Appraisal Unit              | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              |              |              | (dol lars per acre) |                  |                  |                   |
|-----------------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|---------------------|------------------|------------------|-------------------|
|                                         |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000      | 15,001 to 25,000 | 25,001 to 50,000 | 50,001 to 100,000 |
| C-1 LA POSTA CREEK .....                | 30,827        | 0.05                     | 0.35     | 0.60     | 0.95      | 1.60       | 2.80       | 5.30       | 7.30        | 7.30         | 7.40         | 7.40         | 7.50         | 7.60                | 7.70             |                  |                   |
| C-2 KITCHEN CREEK .....                 | 13,869        | 0.05                     | 0.30     | 0.50     | 0.85      | 1.45       | 2.50       | 4.70       | 6.40        | 6.40         | 6.40         | 6.40         | 6.40         | 6.40                | 6.40             | 6.50             |                   |
| C-3 COTTONWOOD CREEK .....              | 11,943        | 0.30                     | 0.95     | 1.60     | 2.70      | 4.80       | 8.30       | 15.30      | 21.30       | 22.20        | 22.30        | 22.60        | 23.10        | 23.10               | 23.40            | 24.00            |                   |
| C-4 BEAR VALLEY .....                   | 12,550        | 0.40                     | 1.50     | 2.60     | 4.20      | 7.30       | 12.50      | 23.30      | 32.20       | 32.40        | 32.40        | 32.40        | 32.40        | 32.40               | 32.40            | 32.40            |                   |
| C-5 BARRETT LAKE .....                  | 14,535        | 1.05                     | 4.60     | 7.80     | 12.30     | 21.40      | 36.80      | 47.40      | 47.50       | 47.50        | 47.50        | 47.50        | 47.50        | 47.50               | 47.50            | 47.50            |                   |
| C-6 SKYE VALLEY .....                   | 5,846         | 0.55                     | 2.45     | 4.25     | 6.75      | 11.70      | 20.20      | 26.10      | 26.60       | 27.00        | 27.40        | 27.40        | 27.40        | 27.40               | 27.40            | 27.40            |                   |
| C-7 PINE VALLEY CREEK .....             | 50,559        | 0.80                     | 2.85     | 4.80     | 7.70      | 13.20      | 22.90      | 42.30      | 59.50       | 60.00        | 61.00        | 61.00        | 61.50        | 61.50               | 62.00            | 62.50            |                   |
| C-8 WILSON CREEK .....                  | 6,327         | 1.60                     | 6.50     | 11.10    | 17.50     | 30.50      | 52.50      | 68.00      | 68.50       | 68.50        | 68.50        | 68.50        | 68.50        | 68.50               | 68.50            | 68.50            |                   |
| C-9 SWEETWATER RIVER .....              | 58,966        | 1.15                     | 4.30     | 7.20     | 11.50     | 20.00      | 34.70      | 64.50      | 90.00       | 92.00        | 92.50        | 93.00        | 93.00        | 93.00               | 93.50            | 94.00            | 95.00             |
| C-10 CONEJOS CREEK .....                | 34,042        | 0.80                     | 3.65     | 6.30     | 10.00     | 17.30      | 29.80      | 55.00      | 76.00       | 76.50        | 76.50        | 76.50        | 76.50        | 76.50               | 76.50            | 76.50            |                   |
| C-11 EL CAPITAN RESERVOIR .....         | 15,155        | 1.70                     | 7.90     | 13.70    | 21.70     | 37.50      | 64.00      | 82.00      | 82.50       | 82.50        | 82.50        | 82.50        | 82.50        | 82.50               | 82.50            | 82.50            |                   |
| C-12 BOULDER CREEK .....                | 12,684        | 2.05                     | 9.40     | 16.10    | 25.40     | 44.20      | 76.00      | 76.50      | 77.00       | 77.00        | 77.00        | 77.00        | 77.00        | 77.00               | 77.00            | 77.00            |                   |
| C-13 CEDAR CREEK .....                  | 16,493        | 1.05                     | 4.45     | 7.60     | 12.00     | 20.80      | 35.80      | 66.00      | 92.50       | 93.00        | 93.50        | 93.50        | 93.50        | 94.00               | 94.00            | 94.00            |                   |
| C-14 SAN DIEGO RIVER .....              | 24,899        | 1.55                     | 6.80     | 11.80    | 18.60     | 32.30      | 55.50      | 71.00      | 71.50       | 71.50        | 71.50        | 71.50        | 71.50        | 71.50               | 71.50            | 71.50            |                   |
| C-15 FEATHERSTONE CANYON .....          | 2,019         | 0.80                     | 3.65     | 6.30     | 10.10     | 17.50      | 30.00      | 55.00      | 76.20       | 76.50        | 76.50        | 76.50        | 76.50        | 76.50               | 76.50            | 76.50            |                   |
| C-16 WRIGHT CANYON .....                | 1,236         | 2.25                     | 10.35    | 17.80    | 28.20     | 48.80      | 64.50      | 64.50      | 64.50       | 65.00        | 65.00        | 65.00        | 65.00        | 65.00               | 65.00            | 65.00            |                   |
| C-17 MT. GOWER .....                    | 6,076         | 1.65                     | 7.60     | 13.00    | 20.70     | 35.70      | 46.90      | 47.00      | 47.10       | 47.10        | 47.10        | 47.10        | 47.10        | 47.10               | 47.30            |                  |                   |
| C-18 RODEN CANYON .....                 | 13,267        | 0.60                     | 2.30     | 3.90     | 6.30      | 11.10      | 18.80      | 24.40      | 24.70       | 24.70        | 24.90        | 24.90        | 25.10        | 25.40               | 26.00            | 27.10            |                   |
| C-19 BLACK CANYON .....                 | 9,756         | 1.00                     | 4.40     | 7.40     | 12.10     | 20.90      | 27.30      | 27.40      | 27.50       | 27.60        | 27.80        | 28.20        | 28.20        | 28.90               | 29.60            |                  |                   |
| C-20 TEMESCAL CREEK .....               | 18,797        | 0.30                     | 1.15     | 1.95     | 3.15      | 5.40       | 9.30       | 16.90      | 22.90       | 23.10        | 23.20        | 23.40        | 23.90        | 24.60               | 25.70            |                  |                   |
| C-21 AGUA CALIENTE CREEK .....          | 26,706        | 0.00                     | 0.00     | 0.05     | 0.15      | 0.20       | 0.40       | 0.60       | 0.95        | 1.50         | 1.50         | 1.80         | 1.80         | 1.80                | 1.80             | 1.80             | 1.80              |
| C-22 PUERTA LA CRUZ CREEK .....         | 18,619        | 0.00                     | 0.00     | 0.00     | 0.10      | 0.15       | 0.20       | 0.35       | 0.50        | 0.60         | 0.60         | 0.60         | 0.60         | 0.60                | 0.60             | 0.60             |                   |
| C-23 WEST FORK SAN LUIS REY RIVER ..... | 19,580        | 0.05                     | 0.15     | 0.20     | 0.30      | 0.50       | 0.80       | 1.40       | 2.40        | 3.00         | 3.00         | 3.00         | 3.00         | 3.00                | 3.00             | 3.00             |                   |
| C-24 SAN LUIS REY RIVER .....           | 60,752        | 0.35                     | 1.00     | 1.65     | 2.65      | 4.55       | 7.90       | 13.90      | 21.20       | 24.40        | 26.10        | 26.30        | 26.40        | 26.50               | 26.70            | 26.90            |                   |
| C-25 TEMECULA CREEK .....               | 49,996        | 0.15                     | 0.40     | 0.70     | 1.05      | 1.95       | 3.40       | 6.00       | 9.70        | 11.80        | 12.20        | 12.50        | 12.70        | 13.10               | 14.60            |                  |                   |



| Fire Damage Appraisal Unit  | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              |              |              |                |                  |                  |                   |
|-----------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------------|------------------|------------------|-------------------|
|                             |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 | 50,001 to 100,000 |
| (dollars per acre)          |               |                          |          |          |           |            |            |            |             |              |              |              |              |                |                  |                  |                   |
| C-26 PRCHANGA CREEK .....   | 5,777         | 0.10                     | 0.35     | 0.60     | 1.10      | 2.00       | 3.30       | 6.10       | 8.60        | 8.90         | 9.30         | 10.00        | 10.80        |                |                  |                  |                   |
| C-27 SAN MATTEO CREEK ..... | 52,748        | 0.00                     | 0.05     | 0.10     | 0.20      | 0.35       | 0.60       | 1.15       | 2.10        | 2.70         | 3.05         | 3.10         | 3.15         | 3.20           | 3.30             | 3.35             |                   |
| C-28 SAN JUAN CREEK .....   | 50,702        | 0.40                     | 1.05     | 1.65     | 2.55      | 4.40       | 7.20       | 12.10      | 13.00       | 13.20        | 13.30        | 13.50        | 13.90        | 14.60          | 16.00            | 17.10            |                   |
| C-29 TRABUCO CANYON .....   | 15,892        | 0.30                     | 0.80     | 1.35     | 2.20      | 4.05       | 6.95       | 9.30       | 9.80        | 10.20        | 10.80        | 11.90        | 13.70        | 16.90          | 19.60            |                  |                   |
| C-30 SANTIAGO CREEK .....   | 39,827        | 2.15                     | 7.40     | 12.80    | 20.50     | 36.00      | 64.00      | 82.50      | 83.50       | 84.00        | 84.50        | 86.00        | 88.50        | 93.00          | 103.00           |                  |                   |
| C-31 SIERRA CANYON .....    | 13,544        | 0.65                     | 2.20     | 3.80     | 6.00      | 10.30      | 18.00      | 23.50      | 24.30       | 25.40        | 26.40        | 27.10        | 28.40        | 31.40          |                  |                  |                   |
| C-32 ELSINORE .....         | 7,590         | 4.50                     | 14.70    | 26.75    | 45.60     | 75.00      | 99.00      | 120.00     | 139.00      | 155.00       | 155.00       | 155.00       | 155.00       |                |                  |                  |                   |
| C-33 LEE LACE .....         | 15,764        | 1.80                     | 7.40     | 13.60    | 21.40     | 36.60      | 61.50      | 78.50      | 79.00       | 79.50        | 80.00        | 80.50        | 80.50        | 80.50          | 80.50            | 80.50            |                   |
| C-34 CORONA .....           | 24,429        | 4.60                     | 16.50    | 28.70    | 49.20     | 85.10      | 141.00     | 180.00     | 186.00      | 195.00       | 211.00       | 236.00       | 253.00       | 253.00         | 253.00           | 253.00           |                   |

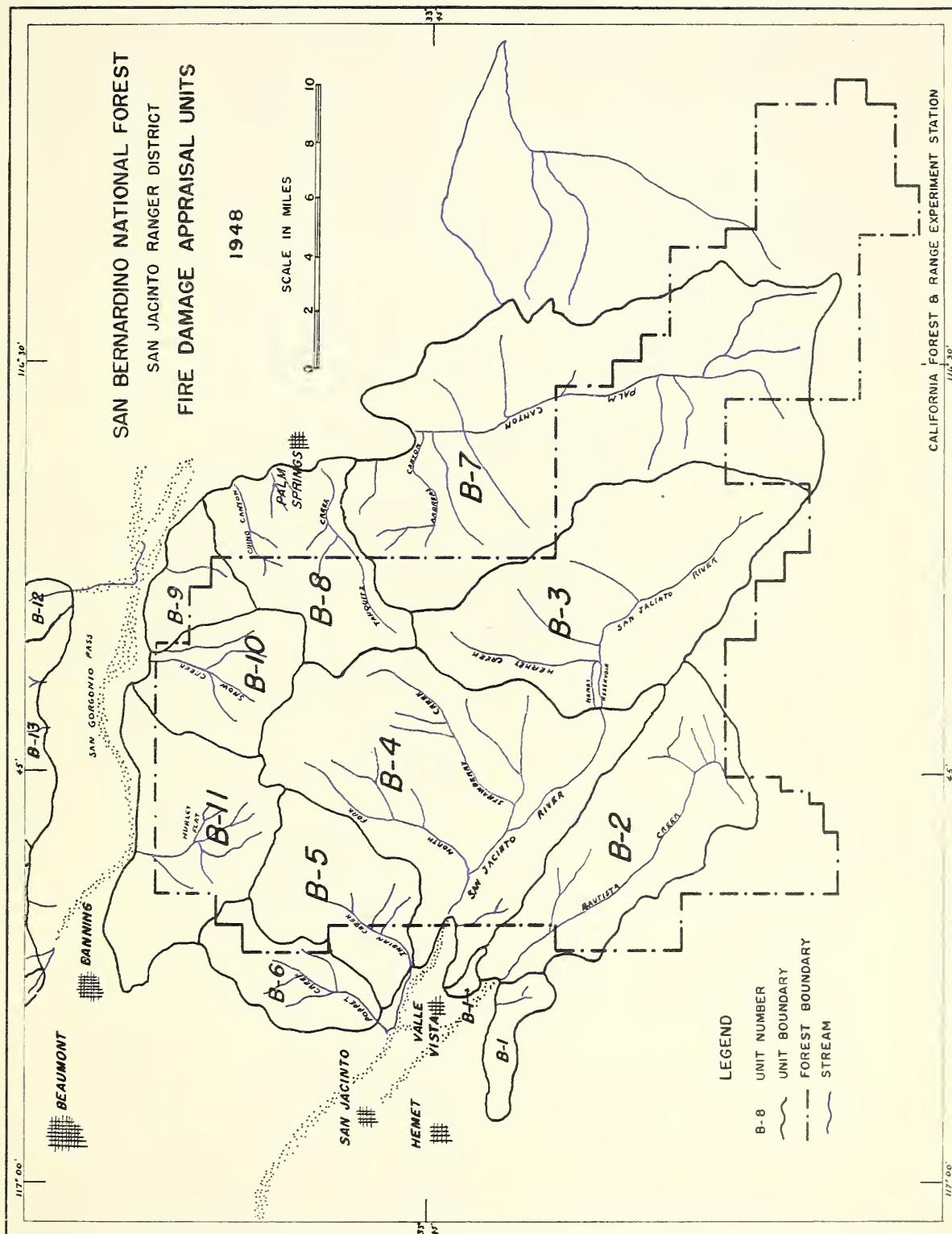


FIRE DAMAGE APPRAISAL UNIT MAPS  
AND TABLES  
San Bernardino National Forest

FIRE DAMAGE APPRAISAL UNIT MAPS

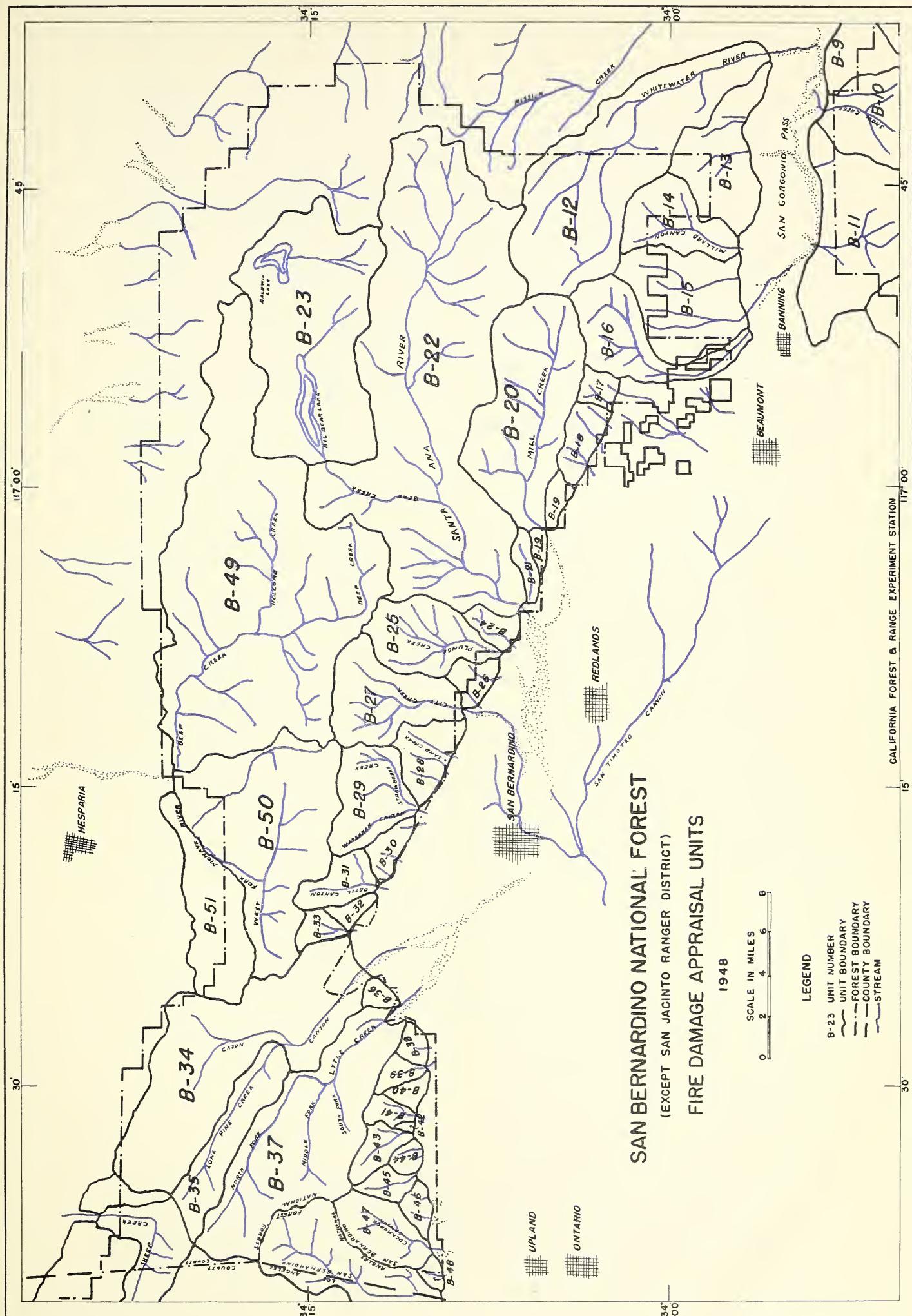
| <u>No.</u> | <u>Name</u>       |
|------------|-------------------|
| B-1        | Reservoir Butte   |
| 2          | Bautista Creek    |
| 3          | Hemet Valley      |
| 4          | San Jacinto River |
| 5          | Indian Creek      |
| 6          | Pooper Creek      |
| 7          | Palm Canyon       |
| 8          | Tahquitz Creek    |
| 9          | Blaisdell Canyon  |
| 10         | Snow Creek        |
| 11         | Cabezon Peak      |

(Continued on next page)



FIRE DAMAGE APPRAISAL UNIT MAP

| <u>No.</u> | <u>Name</u>                | <u>No.</u> | <u>Name</u>        |
|------------|----------------------------|------------|--------------------|
| B-12       | Whitewater River           | B-32       | Bailey Canyon      |
| 13         | Stubby Canyon              | 33         | Cable Canyon       |
| 14         | Millard Canyon             | 34         | Cajon Canyon       |
| 15         | Hathaway Creek             | 35         | Lone Pine Canyon   |
| 16         | Banning Canyon             | 36         | Sycamore Flat      |
| 17         | Cherry Creek               | 37         | Lytle Creek        |
| 18         | Potato Creek               | 38         | Duncan Canyon      |
| 19         | Mill Creek Wash            | 39         | San Sevaine Canyon |
| 20         | Mill Creek                 | 40         | Morse Canyon       |
| 21         | Morton Canyon              | 41         | Etiwanda Canyon    |
| 22         | Santa Ana River            | 42         | Day Guard Station  |
| 23         | Big Bear Lake              | 43         | Day Canyon         |
| 24         | Oak Creek                  | 44         | Day Wash           |
| 25         | Plunge Creek               | 45         | Deer Canyon        |
| 26         | Alder Creek                | 46         | Alta Loma          |
| 27         | City Creek                 | 47         | Cucamonga Canyon   |
| 28         | Sand Creek                 | 48         | Frankish Canyon    |
| 29         | Waterman-Strawberry Creeks | 49         | Deep Creek         |
| 30         | Badger Canyon              | 50         | West Fork          |
| 31         | Devil Canyon               | 51         | Summit Valley      |





AVERAGE RUN-OFF AND EROSION DAMAGE EXPECTED FROM FUTURE FIRES ON WATERSHEDS OF SAN BERNARDINO NATIONAL FOREST

| Fire Damage Appraisal Unit  | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              | ( dollars per acre ) |              |              |                |                  |                  |
|-----------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|----------------------|--------------|--------------|----------------|------------------|------------------|
|                             |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1250 | 1251 to 3000 |                      | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 |
| B-1 RESERVOIR BUTTE .....   | 5,672         | 0.20                     | 1.05     | 1.70     | 2.75      | 4.70       | 8.00       | 14.80      | 21.60       | 25.10        | 27.80        | 27.60                | 27.60        |              |                |                  |                  |
| B-2 BAUTISTA CREEK .....    | 27,271        | 0.25                     | 1.05     | 1.90     | 2.90      | 5.20       | 8.70       | 16.20      | 29.40       | 37.70        | 38.00        | 38.40                | 39.30        | 41.00        | 43.40          | 45.70            |                  |
| B-3 HEMET VALLEY .....      | 29,009        | 0.20                     | 0.85     | 1.40     | 2.25      | 3.90       | 6.75       | 12.50      | 22.60       | 38.80        | 50.50        | 50.50                | 50.50        | 50.50        | 50.50          | 50.50            | 50.50            |
| B-4 SAN JACINTO RIVER ..... | 37,175        | 0.20                     | 1.00     | 1.70     | 2.80      | 4.85       | 8.40       | 15.80      | 28.60       | 47.70        | 63.00        | 64.50                | 65.00        | 65.50        | 67.00          | 70.50            |                  |
| B-5 INDIAN CREEK .....      | 16,720        | 0.15                     | 0.60     | 1.00     | 1.75      | 2.85       | 4.90       | 9.15       | 16.40       | 28.20        | 37.00        | 37.50                | 37.70        | 38.00        | 38.40          |                  |                  |
| B-6 POPPET CREEK .....      | 9,333         | 0.20                     | 0.90     | 1.65     | 2.55      | 4.55       | 7.80       | 14.60      | 26.00       | 33.70        | 34.00        | 34.20                | 34.60        | 34.80        |                |                  |                  |
| B-7 PALM CANYON .....       | 38,416        | 0.00                     | 0.00     | 0.00     | 0.00      | 0.05       | 0.05       | 0.15       | 0.25        | 0.45         | 0.80         | 1.15                 | 1.45         | 1.60         | 1.85           | 2.45             |                  |
| B-8 TAHQUITY CREEK .....    | 6,028         | 0.15                     | 1.05     | 1.75     | 2.75      | 4.80       | 8.10       | 15.00      | 27.10       | 37.60        | 47.10        | 53.50                | 53.50        |              |                |                  |                  |
| B-9 BLAISDELL CANYON .....  | 2,020         | 0.00                     | 0.00     | 0.00     | 0.00      | 0.00       | 0.10       | 0.15       | 0.20        | 0.25         | 0.25         |                      |              |              |                |                  |                  |
| B-10 SNOW CREEK .....       | 4,767         | 0.00                     | 0.05     | 0.10     | 0.15      | 0.30       | 0.55       | 1.00       | 1.50        | 1.90         | 2.10         | 2.55                 |              |              |                |                  |                  |
| B-11 CABEZON PEAK .....     | 19,778        | 0.00                     | 0.10     | 0.20     | 0.30      | 0.55       | 0.90       | 1.60       | 2.90        | 3.80         | 4.10         | 4.50                 | 5.00         | 5.40         | 6.60           |                  |                  |
| B-12 WHITEWATER RIVER ..... | 13,865        | 0.00                     | 0.10     | 0.20     | 0.30      | 0.50       | 0.85       | 1.60       | 3.00        | 5.20         | 7.20         | 8.10                 | 9.90         | 13.90        |                |                  |                  |
| B-13 STUBBY CANYON .....    | 9,445         | 0.00                     | 0.05     | 0.15     | 0.25      | 0.45       | 0.75       | 1.45       | 2.55        | 3.95         | 5.80         | 8.20                 | 10.00        | 10.00        |                |                  |                  |
| B-14 MILLARD CANYON .....   | 9,922         | 0.05                     | 0.25     | 0.45     | 0.85      | 1.40       | 2.40       | 4.50       | 6.30        | 6.70         | 7.10         | 7.50                 | 8.30         | 9.10         |                |                  |                  |
| B-15 HATHAWAY CREEK .....   | 13,497        | 0.05                     | 0.10     | 0.20     | 0.35      | 0.65       | 1.15       | 2.15       | 3.75        | 4.95         | 5.25         | 5.80                 | 6.50         | 7.00         |                |                  |                  |
| B-16 BANNING CANYON .....   | 11,004        | 0.10                     | 0.35     | 0.60     | 0.95      | 1.65       | 2.85       | 5.40       | 7.80        | 8.60         | 9.20         | 10.50                | 12.50        | 15.20        |                |                  |                  |
| B-17 CHERRY CREEK .....     | 1,498         | 1.15                     | 5.00     | 8.60     | 13.70     | 23.80      | 41.00      | 54.00      | 58.00       | 60.50        |              |                      |              |              |                |                  |                  |
| B-18 POTATO CREEK .....     | 4,251         | 0.70                     | 3.45     | 6.00     | 9.40      | 16.20      | 27.80      | 51.50      | 71.50       | 72.00        | 74.00        | 75.00                |              |              |                |                  |                  |
| B-19 MILL CREEK WASH .....  | 2,670         | 2.00                     | 9.00     | 15.60    | 24.60     | 42.50      | 73.00      | 135.00     | 187.00      | 188.00       | 188.00       |                      |              |              |                |                  |                  |
| B-20 MILL CREEK .....       | 15,155        | 0.42                     | 1.95     | 3.35     | 5.40      | 9.20       | 16.10      | 29.90      | 54.00       | 70.50        | 73.50        | 76.50                | 81.00        | 88.50        | 93.50          |                  |                  |
| B-21 MORTON CANYON .....    | 1,574         | 4.50                     | 20.90    | 36.10    | 57.00     | 99.00      | 130.00     | 131.00     | 132.00      | 135.00       |              |                      |              |              |                |                  |                  |
| B-22 SANTA ANA RIVER .....  | 48,986        | 0.15                     | 0.90     | 1.50     | 2.30      | 4.10       | 7.00       | 13.20      | 23.90       | 41.00        | 55.00        | 58.50                | 59.00        | 61.00        | 66.00          |                  |                  |
| B-23 BIG BEAR LAKE .....    | 23,062        | 0.00                     | 0.00     | 0.05     | 0.05      | 0.10       | 0.15       | 0.25       | 0.50        | 0.75         | 0.85         | 0.95                 | 1.10         | 1.10         | 1.10           | 1.10             |                  |
| B-24 OAK CREEK .....        | 2,342         | 4.85                     | 22.20    | 38.40    | 60.40     | 76.80      | 77.60      | 79.30      | 82.20       | 86.80        | 90.10        |                      |              |              |                |                  |                  |
| B-25 PLUNGE CREEK .....     | 10,822        | 1.00                     | 4.10     | 7.00     | 11.30     | 19.60      | 33.60      | 61.50      | 84.00       | 84.50        | 85.50        | 86.50                | 88.00        |              |                |                  |                  |



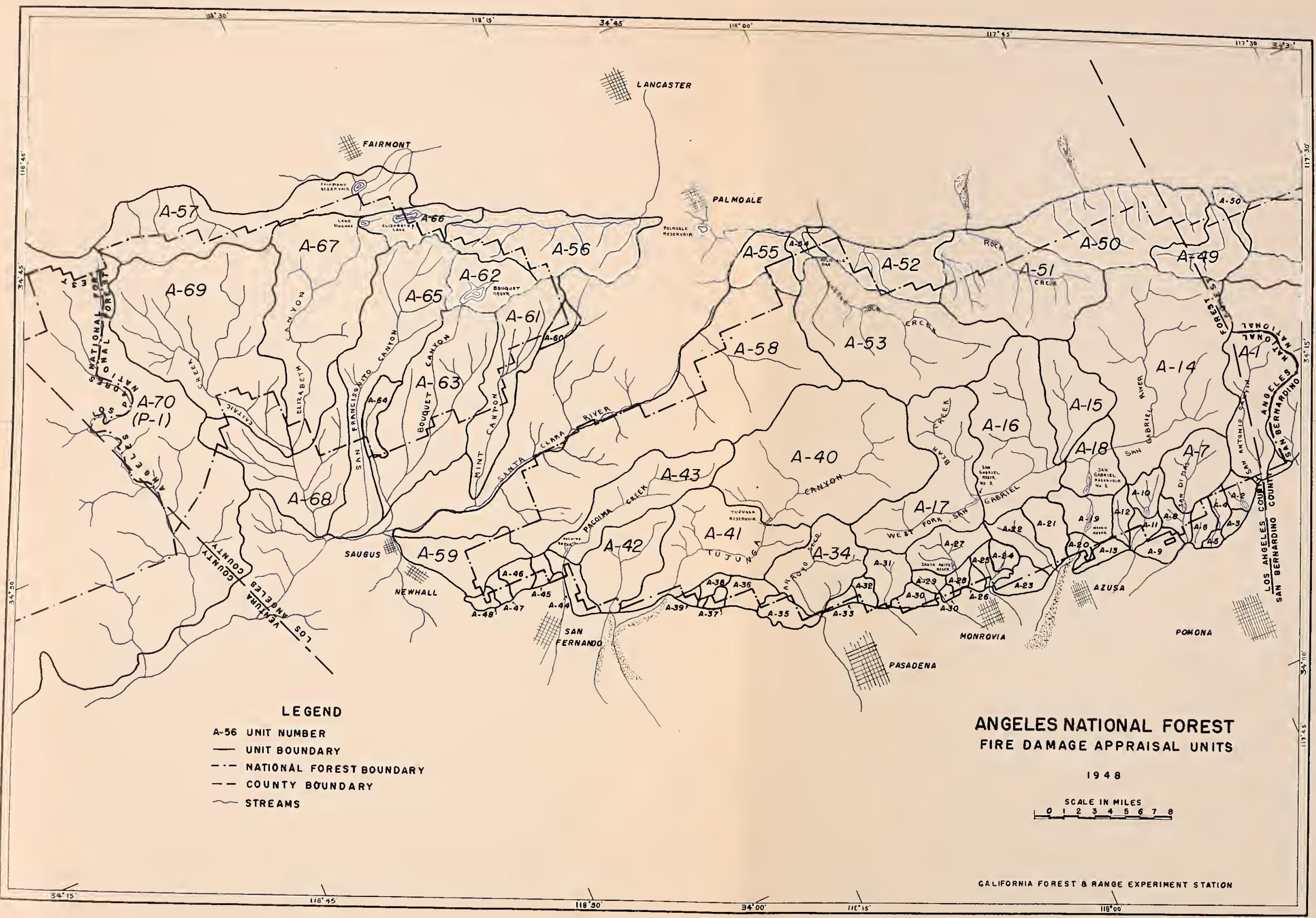
| Fire Damage Appraisal Unit         | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              | Fire size class in acres |              |                |                  |                  |                   |
|------------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------------------|--------------|----------------|------------------|------------------|-------------------|
|                                    |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000             | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 | 50,001 to 100,000 |
| (dollars per acre)                 |               |                          |          |          |           |            |            |            |             |              |              |                          |              |                |                  |                  |                   |
| B-26 ALDER CREEK .....             | 1,997         | 3.80                     | 14.70    | 27.00    | 43.00     | 75.50      | 125.00     | 181.00     | 242.00      | 281.00       | 281.00       |                          |              |                |                  |                  |                   |
| B-27 CITY CREEK .....              | 12,755        | 0.85                     | 3.40     | 5.80     | 9.00      | 15.60      | 26.40      | 49.50      | 69.00       | 70.00        | 71.00        | 71.50                    | 72.50        | 74.50          |                  |                  |                   |
| B-28 SAND CREEK .....              | 6,176         | 3.80                     | 17.40    | 32.00    | 51.00     | 88.00      | 151.00     | 200.00     | 219.00      | 250.00       | 272.00       | 272.00                   | 272.00       |                |                  |                  |                   |
| B-29 WATERMAN-STRAWBERRY CREEKS .. | 8,948         | 6.80                     | 21.80    | 37.30    | 59.50     | 102.00     | 179.00     | 248.00     | 265.00      | 270.00       | 280.00       | 294.00                   | 294.00       | 335.00         |                  |                  |                   |
| B-30 BADGER CANYON .....           | 2,483         | 2.05                     | 8.40     | 15.30    | 23.70     | 42.00      | 70.50      | 91.00      | 95.00       | 97.00        | 97.50        |                          |              |                |                  |                  |                   |
| B-31 DEVIL CANYON .....            | 3,701         | 2.55                     | 10.40    | 18.30    | 28.90     | 50.80      | 87.60      | 119.00     | 130.00      | 147.00       | 177.00       | 177.00                   | 214.00       |                |                  |                  |                   |
| B-32 BAILEY CANYON .....           | 2,025         | 1.85                     | 7.70     | 13.20    | 21.50     | 37.10      | 63.50      | 85.00      | 87.00       | 89.50        | 90.00        |                          |              |                |                  |                  |                   |
| B-33 CABLE CANYON .....            | 3,700         | 1.35                     | 6.60     | 11.40    | 18.00     | 31.20      | 53.50      | 99.00      | 137.00      | 142.00       | 151.00       | 162.00                   |              |                |                  |                  |                   |
| B-34 CAJON CANYON .....            | 32,478        | 0.35                     | 1.20     | 2.20     | 3.50      | 6.00       | 10.50      | 19.20      | 34.90       | 46.70        | 52.00        | 58.00                    | 62.00        | 65.00          | 70.00            | 78.00            |                   |
| B-35 LONE PINE CANYON .....        | 9,623         | 0.20                     | 1.00     | 1.70     | 2.80      | 4.80       | 8.80       | 15.40      | 22.00       | 23.00        | 23.70        | 24.70                    | 26.40        | 27.90          |                  |                  |                   |
| B-36 SYCAMORE FLAT .....           | 876           | 6.20                     | 28.80    | 49.60    | 78.50     | 136.00     | 179.00     | 179.00     | 180.00      |              |              |                          |              |                |                  |                  |                   |
| B-37 LYTTLE CREEK .....            | 15,386        | 0.75                     | 3.10     | 5.50     | 8.70      | 15.40      | 26.20      | 47.80      | 67.50       | 71.50        | 75.00        | 77.00                    | 80.50        | 86.00          | 89.50            |                  |                   |
| B-38 DUNCAN CANYON .....           | 1,606         | 3.05                     | 14.20    | 24.00    | 38.70     | 67.00      | 89.00      | 91.00      | 95.00       | 104.00       |              |                          |              |                |                  |                  |                   |
| B-39 SAN SEVANIE CANYON .....      | 1,222         | 3.05                     | 14.10    | 24.40    | 38.60     | 67.00      | 111.00     | 152.00     | 171.00      | 186.00       |              |                          |              |                |                  |                  |                   |
| B-40 MORSE CANYON .....            | 1,647         | 1.65                     | 7.40     | 12.80    | 20.20     | 35.00      | 60.00      | 78.50      | 83.00       | 94.00        |              |                          |              |                |                  |                  |                   |
| B-41 ETIWANDA CANYON .....         | 2,035         | 2.30                     | 10.40    | 18.10    | 28.60     | 49.50      | 85.00      | 110.00     | 117.00      | 127.00       | 140.00       |                          |              |                |                  |                  |                   |
| B-42 DAY GUARD STATION .....       | 652           | 1.55                     | 7.20     | 12.60    | 19.80     | 34.20      | 46.00      | 50.00      | 54.00       |              |              |                          |              |                |                  |                  |                   |
| B-43 DAY CANYON .....              | 2,497         | 2.25                     | 10.20    | 17.70    | 27.90     | 48.60      | 88.00      | 108.00     | 117.00      | 126.00       | 143.00       |                          |              |                |                  |                  |                   |
| B-44 DEER FRONT .....              | 1,197         | 1.70                     | 7.80     | 13.40    | 21.20     | 36.80      | 63.50      | 82.50      | 87.00       | 92.50        |              |                          |              |                |                  |                  |                   |
| B-45 DEER CANYON .....             | 1,700         | 1.50                     | 6.00     | 10.80    | 16.90     | 29.10      | 49.90      | 92.50      | 161.00      | 231.00       |              |                          |              |                |                  |                  |                   |
| B-46 ALTA LOMA .....               | 2,374         | 1.35                     | 6.20     | 10.60    | 16.80     | 29.30      | 50.50      | 93.50      | 130.50      | 137.00       | 142.00       |                          |              |                |                  |                  |                   |
| B-47 CUCAMONGA CANYON .....        | 5,726         | 1.85                     | 8.40     | 14.70    | 23.30     | 40.60      | 69.50      | 129.00     | 180.00      | 19.00        | 205.00       | 229.00                   | 255.00       |                |                  |                  |                   |
| B-48 FRANKISH CANYON .....         | 813           | 14.90                    | 68.50    | 118.00   | 186.00    | 317.00     | 425.00     | 442.00     | 442.00      |              |              |                          |              |                |                  |                  |                   |
| B-49 DEEP CREEK .....              | 62,995        | 0.00                     | 0.10     | 0.15     | 0.25      | 0.45       | 0.70       | 1.35       | 2.50        | 4.40         | 6.30         | 7.20                     | 7.30         | 7.30           | 7.50             | 7.60             |                   |
| B-50 WEST FORK .....               | 29,398        | 0.10                     | 0.35     | 0.60     | 0.95      | 1.65       | 2.80       | 5.10       | 9.40        | 14.40        | 16.70        | 16.90                    | 17.10        | 17.40          | 18.00            | 18.60            |                   |
| B-51 SUMMIT VALLEY .....           | 12,714        | 0.05                     | 0.10     | 0.20     | 0.30      | 0.50       | 0.95       | 1.70       | 3.10        | 4.80         | 5.90         | 6.00                     | 6.10         | 6.40           |                  |                  |                   |



FIRE DAMAGE APPRAISAL UNIT MAPS  
AND TABLES  
Angeles National Forest

FIRE DAMAGE APPRAISAL UNIT MAPS

| <u>No.</u> | <u>Name</u>                  | <u>No.</u> | <u>Name</u>              |
|------------|------------------------------|------------|--------------------------|
| A-1        | San Antonio Canyon           | A-36       | Mt. Lukens               |
| 2          | Thompson Creek               | 37         | Blanchard Canyon         |
| 3          | Lower Thompson Creek         | 38         | Haines Canyon            |
| 4          | Liveoak Creek                | 39         | Zachu Canyon             |
| 5          | Bradford Avenue              | 40         | Tujunga Reservoir        |
| 6          | Marshall Creek               | 41         | Tujunga Canyon           |
| 7          | San Dimas Reservoir          | 42         | Little Tujunga Canyon    |
| 8          | San Dimas Canyon             | 43         | Pacoima Creek            |
| 9          | Johnstone Peak               | 44         | Lopez Canyon             |
| 10         | Dalton Reservoir             | 45         | May Canyon               |
| 11         | Dalton Canyon                | 46         | Wilson Canyon            |
| 12         | Little Dalton Canyon         | 47         | Sombrero Canyon          |
| 13         | Glendora                     | 48         | Grapevine                |
| 14         | East Fork San Gabriel River  | 49         | Sheep Creek              |
| 15         | North Fork San Gabriel River | 50         | Mescal Creek             |
| 16         | Bear Creek                   | 51         | Big Rock Creek           |
| 17         | West Fork San Gabriel River  | 52         | Pearblossom              |
| 18         | San Gabriel Reservoir No. 1  | 53         | Little Rock Creek        |
| 19         | Morris Reservoir             | 54         | Little Rock Wash         |
| 20         | Lower San Gabriel Canyon     | 55         | Hunt Creek               |
| 21         | Roberts Canyon               | 56         | Amargosa Creek           |
| 22         | Fish Canyon                  | 57         | Fairmont                 |
| 23         | Duarte                       | 58         | Soledad Canyon           |
| 24         | Sawpit Canyon                | 59         | Newhall Creek            |
| 25         | Monrovia Canyon              | 60         | Sierra Pelona            |
| 26         | Ruby Canyon                  | 61         | Mint Canyon              |
| 27         | Santa Anita Canyon           | 62         | Boquet Reservoir         |
| 28         | Clamshell Canyon             | 63         | Boquet Canyon            |
| 29         | Little Santa Anita Canyon    | 64         | Dry Canyon               |
| 30         | Sierra Madre                 | 65         | San Francisquito Canyon  |
| 31         | Eaton Canyon                 | 66         | Elizabeth Lake Reservoir |
| 32         | Rubio-Las Flores             | 67         | Elizabeth Lake Canyon    |
| 33         | West Ravine                  | 68         | Castaic Valley           |
| 34         | Arroyo Seco                  | 69         | Castaic Creek            |
| 35         | Flint Canyon                 | 70         | Piru Creek               |





## AVERAGE RUN-OFF AND EROSION DAMAGE EXPECTED FROM FUTURE FIRES ON WATERSHEDS OF ANGELES NATIONAL FOREST

| Fire Damage Appraised Unit              | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              | Fire size class in acres<br>(dollars per acre) |              |              |                |                  |                  |
|-----------------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|------------------------------------------------|--------------|--------------|----------------|------------------|------------------|
|                                         |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 |                                                | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 |
| A-1 SAN ANTONIO CANYON .....            | 9,544         | 0.90                     | 3.30     | 5.90     | 9.70      | 18.00      | 31.60      | 55.00      | 75.50       | 79.00        | 89.00        | 103.00                                         | 128.00       | 149.00       |                |                  |                  |
| A-2 THOMPSON CREEK .....                | 2,534         | 1.50                     | 5.00     | 8.70     | 14.60     | 26.20      | 42.80      | 53.50      | 56.00       | 59.50        | 67.50        |                                                |              |              |                |                  |                  |
| A-3 LOWER THOMPSON CREEK .....          | 1,016         | 4.65                     | 21.60    | 37.20    | 59.00     | 76.00      | 79.50      | 86.50      | 99.00       | 107.00       |              |                                                |              |              |                |                  |                  |
| A-4 LIVEOAK CREEK .....                 | 1,321         | 1.70                     | 7.00     | 12.30    | 20.30     | 35.00      | 60.00      | 79.00      | 83.50       | 90.50        |              |                                                |              |              |                |                  |                  |
| A-5 BRADFORD AVENUE .....               | 496           | 4.95                     | 22.80    | 39.30    | 62.00     | 81.50      | 88.50      | 108.00     |             |              |              |                                                |              |              |                |                  |                  |
| A-6 MARSHALL CREEK .....                | 1,409         | 8.10                     | 36.00    | 61.00    | 100.00    | 129.00     | 134.00     | 143.00     | 159.00      | 186.00       |              |                                                |              |              |                |                  |                  |
| A-7 SAN DIMAS RESERVOIR .....           | 10,458        | 3.70                     | 14.50    | 24.10    | 38.00     | 68.60      | 114.00     | 150.00     | 151.00      | 153.00       | 156.00       | 161.00                                         | 169.00       | 180.00       |                |                  |                  |
| A-8 SAN DIMAS CANYON .....              | 1,166         | 6.30                     | 26.60    | 47.60    | 74.00     | 98.00      | 113.00     | 119.00     | 123.00      | 128.00       |              |                                                |              |              |                |                  |                  |
| A-9 JOHNSTONE PEAK .....                | 2,867         | 3.70                     | 16.50    | 27.50    | 44.70     | 77.80      | 103.00     | 106.00     | 109.00      | 110.00       | 110.00       |                                                |              |              |                |                  |                  |
| A-10 DALTON RESERVOIR .....             | 2,906         | 5.50                     | 23.00    | 39.80    | 65.00     | 111.00     | 146.00     | 148.00     | 151.00      | 155.00       | 166.00       |                                                |              |              |                |                  |                  |
| A-11 DALTON CANYON .....                | 2,054         | 1.95                     | 8.25     | 14.30    | 23.40     | 40.20      | 53.50      | 56.50      | 62.00       | 70.50        | 81.50        |                                                |              |              |                |                  |                  |
| A-12 LITTLE DALTON CANYON .....         | 2,061         | 10.50                    | 36.80    | 63.00    | 114.00    | 196.00     | 254.00     | 261.00     | 273.00      | 292.00       | 317.00       |                                                |              |              |                |                  |                  |
| A-13 GLEN DORA .....                    | 1,915         | 5.60                     | 25.10    | 43.20    | 68.00     | 118.00     | 163.00     | 187.00     | 207.00      | 207.00       | 207.00       |                                                |              |              |                |                  |                  |
| A-14 EAST FORK SAN GABRIEL RIVER .....  | 31,079        | 3.70                     | 16.70    | 28.70    | 45.30     | 79.00      | 134.00     | 250.00     | 345.00      | 346.00       | 346.00       | 346.00                                         | 347.00       | 347.00       | 348.00         | 349.00           |                  |
| A-15 NORTH FORK SAN GABRIEL RIVER ..... | 9,863         | 1.65                     | 5.80     | 9.50     | 16.00     | 28.60      | 48.70      | 93.90      | 125.00      | 135.00       | 141.00       | 143.00                                         | 146.00       | 150.00       |                |                  |                  |
| A-16 BEAR CREEK .....                   | 25,468        | 3.90                     | 18.00    | 31.00    | 49.00     | 85.00      | 146.00     | 270.00     | 372.00      | 372.00       | 372.00       | 373.00                                         | 373.00       | 373.00       | 373.00         | 373.00           |                  |
| A-17 WEST FORK SAN GABRIEL RIVER .....  | 23,388        | 10.60                    | 47.70    | 82.20    | 130.00    | 226.00     | 387.00     | 496.00     | 501.00      | 504.00       | 504.00       | 504.00                                         | 505.00       | 505.00       |                |                  |                  |
| A-18 SAN GABRIEL RESERVOIR NO. 1 .....  | 7,878         | 7.80                     | 26.80    | 51.50    | 82.00     | 140.00     | 231.00     | 291.00     | 294.00      | 297.00       | 302.00       | 307.00                                         | 320.00       |              |                |                  |                  |
| A-19 MORRIS RESERVOIR .....             | 5,575         | 5.70                     | 18.70    | 32.00    | 53.50     | 93.50      | 159.00     | 206.00     | 208.00      | 209.00       | 209.00       | 209.00                                         | 209.00       |              |                |                  |                  |
| A-20 LOWER SAN GABRIEL CANYON .....     | 1,332         | 3.70                     | 15.00    | 25.70    | 43.30     | 80.00      | 104.00     | 116.00     | 129.00      | 149.00       |              |                                                |              |              |                |                  |                  |
| A-21 ROBERTS CANYON .....               | 4,595         | 4.10                     | 18.00    | 30.80    | 49.50     | 87.00      | 115.00     | 148.00     | 150.00      | 152.00       | 154.00       | 156.00                                         | 159.00       |              |                |                  |                  |
| A-22 FISH CANYON .....                  | 4,518         | 5.25                     | 23.60    | 40.80    | 65.00     | 112.00     | 148.00     | 150.00     | 152.00      | 154.00       | 156.00       | 159.00                                         |              |              |                |                  |                  |
| A-23 DUARTE .....                       | 3,149         | 6.40                     | 30.60    | 52.50    | 83.50     | 145.00     | 193.00     | 201.00     | 212.00      | 217.00       | 217.00       | 217.00                                         |              |              |                |                  |                  |
| A-24 SAWPIT CANYON .....                | 2,086         | 12.00                    | 55.00    | 94.50    | 150.00    | 259.00     | 342.00     | 346.00     | 351.00      | 355.00       | 368.00       |                                                |              |              |                |                  |                  |
| A-25 MONROVIA CANYON .....              | 2,150         | 7.40                     | 31.50    | 56.00    | 87.00     | 113.00     | 114.00     | 120.00     | 126.00      | 134.00       |              |                                                |              |              |                |                  |                  |



| Fire Damage Appraisal Unit           | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              |              |              | ( dollars per acre ) |                  |                  |                   |                    |  |
|--------------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------------------|------------------|------------------|-------------------|--------------------|--|
|                                      |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 600 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000       | 15,001 to 25,000 | 25,001 to 50,000 | 50,001 to 100,000 | 100,001 to 200,000 |  |
| A-26 RUBY CANYON .....               | 6,277         | 19.70                    | 90.50    | 156.00   | 247.00    | 428.00     | 594.00     | 709.00     | 819.00      |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-27 SANTA ANITA CANYON .....        | 6,816         | 13.30                    | 59.50    | 103.00   | 162.00    | 285.00     | 372.00     | 375.00     | 378.00      | 381.00       | 385.00       | 391.00       | 391.00       | 401.00               |                  |                  |                   |                    |  |
| A-28 CLAMSHELL CANYON .....          | 1,587         | 5.00                     | 23.00    | 39.30    | 63.00     | 96.50      | 116.00     | 117.00     | 119.00      | 123.00       |              |              |              |                      |                  |                  |                   |                    |  |
| A-29 LITTLE SANTA ANITA CANYON ..... | 1,524         | 19.70                    | 89.00    | 154.00   | 243.00    | 309.00     | 312.00     | 315.00     | 319.00      | 326.00       |              |              |              |                      |                  |                  |                   |                    |  |
| A-30 SIERRA MADRE .....              | 1,991         | 37.40                    | 123.00   | 221.00   | 367.00    | 467.00     | 500.00     | 563.00     | 668.00      | 732.00       | 732.00       |              |              |                      |                  |                  |                   |                    |  |
| A-31 EATON CANYON .....              | 5,406         | 21.50                    | 88.00    | 153.00   | 250.00    | 324.00     | 337.00     | 348.00     | 364.00      | 388.00       | 430.00       | 497.00       | 497.00       | 561.00               |                  |                  |                   |                    |  |
| A-32 RUBIO-LAS FLORES .....          | 1,152         | 20.00                    | 68.00    | 119.00   | 200.00    | 268.00     | 285.00     | 310.00     | 343.00      | 375.00       |              |              |              |                      |                  |                  |                   |                    |  |
| A-33 WEST RAVINE .....               | 818           | 7.20                     | 33.40    | 57.50    | 91.00     | 158.00     | 210.00     | 217.00     | 229.00      |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-34 ARROYO SECO .....               | 13,305        | 9.80                     | 39.60    | 72.00    | 110.00    | 192.00     | 327.00     | 448.00     | 465.00      | 470.00       | 475.00       | 479.00       | 485.00       | 485.00               | 500.00           |                  |                   |                    |  |
| A-35 FLINT CANYON .....              | 1,210         | 7.80                     | 36.20    | 62.50    | 98.50     | 172.00     | 226.00     | 235.00     | 250.00      | 269.00       |              |              |              |                      |                  |                  |                   |                    |  |
| A-36 MT. LUKENS .....                | 4,044         | 14.80                    | 38.40    | 88.00    | 134.00    | 226.00     | 281.00     | 304.00     | 336.00      | 374.00       | 395.00       | 395.00       |              |                      |                  |                  |                   |                    |  |
| A-37 BLANCHARD CANYON .....          | 525           | 16.50                    | 78.00    | 161.00   | 210.00    | 225.00     | 243.00     | 298.00     |             |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-38 HAINES CANYON .....             | 902           | 9.00                     | 35.20    | 61.00    | 110.00    | 147.00     | 154.00     | 169.00     | 204.00      |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-39 ZACHAU CANYON .....             | 656           | 12.80                    | 59.00    | 101.00   | 128.00    | 147.00     | 161.00     | 161.00     |             |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-40 TUJUNGA RESERVOIR .....         | 49,113        | 1.30                     | 5.30     | 9.10     | 14.30     | 24.90      | 42.00      | 79.00      | 110.00      | 113.00       | 117.00       | 118.00       | 118.00       | 119.00               |                  |                  |                   |                    |  |
| A-41 TUJUNGA CANYON .....            | 21,791        | 1.25                     | 4.90     | 8.20     | 13.50     | 23.50      | 40.00      | 53.00      | 56.00       | 56.00        | 57.00        | 58.00        | 58.50        | 60.00                | 63.00            |                  |                   |                    |  |
| A-42 LITTLE TUJUNGA CANYON .....     | 12,479        | 2.20                     | 8.80     | 15.20    | 24.40     | 41.80      | 72.00      | 95.00      | 97.00       | 99.00        | 101.00       | 102.00       | 105.00       | 110.00               |                  |                  |                   |                    |  |
| A-43 PACOIMA CREEK .....             | 16,473        | 3.40                     | 15.00    | 25.80    | 40.70     | 71.00      | 93.00      | 94.50      | 96.50       | 97.50        | 98.00        | 99.00        | 101.00       | 105.00               | 108.00           |                  |                   |                    |  |
| A-44 LOPEZ CANYON .....              | 3,748         | 4.70                     | 21.80    | 38.20    | 61.00     | 79.00      | 84.50      | 93.00      | 108.00      | 120.00       | 125.00       | 125.00       |              |                      |                  |                  |                   |                    |  |
| A-45 MAY CANYON .....                | 617           | 3.50                     | 13.40    | 25.50    | 38.10     | 52.50      | 56.00      | 63.00      | 69.00       |              |              |              |              |                      |                  |                  |                   |                    |  |
| A-46 WILSON CANYON .....             | 2,010         | 3.00                     | 11.90    | 22.00    | 35.00     | 61.00      | 81.50      | 85.50      | 89.50       | 95.50        | 103.00       |              |              |                      |                  |                  |                   |                    |  |
| A-47 SOMBRERO CANYON .....           | 1,178         | 8.00                     | 27.70    | 45.50    | 71.00     | 98.00      | 107.00     | 112.00     | 114.00      | 116.00       |              |              |              |                      |                  |                  |                   |                    |  |
| A-48 GRAPEVINE CANYON .....          | 1,188         | 4.20                     | 19.10    | 32.90    | 39.90     | 41.10      | 45.00      | 47.10      | 54.00       | 62.50        |              |              |              |                      |                  |                  |                   |                    |  |
| A-49 SHEEP CREEK .....               | 6,566         | 0.25                     | 0.70     | 1.10     | 1.70      | 2.90       | 4.70       | 8.90       | 10.40       | 11.90        | 13.30        | 15.50        | 18.90        |                      |                  |                  |                   |                    |  |
| A-50 MESCAL CREEK .....              | 33,746        | 0.00                     | 0.00     | 0.05     | 0.10      | 0.15       | 0.30       | 0.45       | 0.65        | 1.05         | 1.50         | 1.90         | 1.95         | 1.95                 | 1.95             | 1.95             | 1.95              | 1.95               |  |
| A-51 BIG ROCK CREEK .....            | 21,171        | 0.00                     | 0.05     | 0.10     | 0.15      | 0.30       | 0.50       | 1.00       | 1.85        | 2.45         | 3.00         | 3.20         | 3.70         | 3.90                 | 4.35             |                  |                   |                    |  |



| Fire Damage Appraisal Unit              | Area in Acres | Fire size class in acres (dolars per acre) |          |          |           |            |            |            |             |              |              |              |              |                |                  |                  |
|-----------------------------------------|---------------|--------------------------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------------|------------------|------------------|
|                                         |               | 0 to 20                                    | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 600 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 |
| A-52 PEARLLOSSOM . . . . .              | 11,603        | 0.00                                       | 0.00     | 0.00     | 0.05      | 0.10       | 0.25       | 0.50       | 0.80        | 1.05         | 1.10         | 1.10         | 1.10         | 1.10           | 1.10             | 1.10             |
| A-53 LITTLE ROCK CREEK . . . . .        | 33,261        | 0.31                                       | 0.96     | 1.65     | 2.65      | 4.60       | 7.90       | 14.65      | 26.50       | 33.90        | 34.30        | 34.30        | 35.10        | 35.30          | 35.60            | 36.10            |
| A-54 LITTLE ROCK WASH . . . . .         | 3,933         | 0.00                                       | 0.00     | 0.05     | 0.05      | 0.10       | 0.20       | 0.45       | 0.65        | 0.80         | 0.95         | 1.25         |              |                |                  |                  |
| A-55 HUNN CREEK . . . . .               | 5,273         | 0.00                                       | 0.00     | 0.00     | 0.05      | 0.10       | 0.15       | 0.35       | 0.50        | 0.80         | 1.15         | 1.45         |              |                |                  |                  |
| A-56 AMARGOSA CREEK . . . . .           | 17,810        | 0.00                                       | 0.05     | 0.05     | 0.10      | 0.20       | 0.35       | 0.75       | 1.30        | 0.95         | 2.35         | 2.85         | 3.40         | 4.10           |                  |                  |
| A-57 FAIRWANT . . . . .                 | 30,338        | 0.00                                       | 0.05     | 0.10     | 0.15      | 0.25       | 0.45       | 0.85       | 1.50        | 2.60         | 3.25         | 3.35         | 3.45         | 3.70           | 4.05             | 4.50             |
| A-58 SOLEDAD CANYON . . . . .           | 71,041        | 0.05                                       | 0.10     | 0.15     | 0.20      | 0.40       | 0.75       | 1.75       | 3.00        | 5.10         | 7.00         | 9.50         | 11.30        | 12.50          | 14.30            | 18.20            |
| A-59 NEWHALL CREEK . . . . .            | 10,354        | 0.35                                       | 0.90     | 1.50     | 2.40      | 4.20       | 7.20       | 13.90      | 24.00       | 31.90        | 36.00        | 37.40        | 40.20        | 43.60          |                  |                  |
| A-60 SIERRA PELONA . . . . .            | 1,620         | 0.05                                       | 0.30     | 0.50     | 0.85      | 1.50       | 2.50       | 4.65       | 6.60        | 7.10         |              |              |              |                |                  |                  |
| A-61 MINT CANYON . . . . .              | 13,098        | 0.00                                       | 0.05     | 0.10     | 0.15      | 0.30       | 0.45       | 0.90       | 1.20        | 1.50         | 2.10         | 2.90         | 3.85         | 5.50           | 7.60             |                  |
| A-62 BOQUET RESERVOIR . . . . .         | 7,832         | 0.15                                       | 0.35     | 0.95     | 1.50      | 2.65       | 4.40       | 7.80       | 13.60       | 19.00        | 22.20        | 27.50        |              |                |                  |                  |
| A-63 BOQUET CANYON . . . . .            | 33,760        | 0.00                                       | 0.05     | 0.10     | 0.20      | 0.35       | 0.60       | 1.10       | 1.65        | 1.95         | 2.30         | 2.55         | 3.10         | 3.75           | 5.50             | 8.00             |
| A-64 DRY CANYON . . . . .               | 2,936         | 0.10                                       | 0.15     | 0.30     | 0.40      | 0.90       | 15.80      | 43.00      | 56.50       | 57.00        | 57.00        | 59.50        |              |                |                  |                  |
| A-65 SAN FRANCISCO CANYON . . . . .     | 30,816        | 0.05                                       | 0.10     | 0.20     | 0.30      | 0.55       | 0.95       | 1.70       | 2.90        | 4.00         | 4.65         | 4.90         | 5.20         | 5.90           | 6.80             | 8.20             |
| A-66 ELIZABETH LAKE RESERVOIR . . . . . | 3,669         | 0.20                                       | 0.55     | 0.90     | 1.45      | 2.45       | 4.10       | 7.20       | 11.00       | 11.40        | 12.00        | 12.40        | 12.60        |                |                  |                  |
| A-67 ELIZABETH LAKE CANYON . . . . .    | 40,160        | 0.05                                       | 0.15     | 0.30     | 0.50      | 0.90       | 1.50       | 2.80       | 4.50        | 5.40         | 6.00         | 6.20         | 6.80         | 7.80           | 9.40             | 13.60            |
| A-68 CASTAIC VALLEY . . . . .           | 22,043        | 0.10                                       | 0.25     | 0.40     | 0.60      | 1.00       | 1.65       | 2.90       | 4.90        | 8.10         | 10.40        | 10.60        | 10.80        | 11.20          | 12.10            |                  |
| A-69 CASTAIC CREEK . . . . .            | 52,602        | 0.00                                       | 0.10     | 0.20     | 0.30      | 0.50       | 0.80       | 1.60       | 2.80        | 3.70         | 4.10         | 4.30         | 4.50         | 4.80           | 5.50             | 6.90             |
| A-70 PIRU CREEK . . . . .               | 23,921        | 0.00                                       | 0.05     | 0.05     | 0.10      | 0.15       | 0.30       | 0.50       | 0.90        | 1.30         | 1.75         | 2.10         | 2.15         | 2.20           | 2.20             | 2.30             |

1/ For fires greater than 200,000 acres use \$2.45 per acre.

1/



FIRE DAMAGE APPRAISAL UNIT MAPS  
AND TABLES  
Los Padres National Forest

## FIRE DAMAGE APPRAISAL UNIT MAPS

| <u>No.</u> | <u>Name</u>         | <u>No.</u> | <u>Name</u>                      |
|------------|---------------------|------------|----------------------------------|
| P-1        | Piru Creek          | P-36       | Glen Anne Canyon                 |
| 2          | Hopper Canyon       | 37         | Elwood Canyon                    |
| 3          | Fairview            | 38         | Winchester Canyon                |
| 4          | Pole Canyon         | 39         | Tecolate Canyon                  |
| 5          | Sespe Creek         | 40         | Eagle Canyon                     |
| 6          | Lower Sespe Creek   | 41         | Dos Pueblos Canyon               |
| 7          | Boulder Creek       | 42         | Las Varas Canyon                 |
| 8          | Santa Paula Creek   | 43         | Gato Canyon                      |
| 9          | San Antonio Creek   | 44         | Las Yeguas Canyon                |
| 10         | Matilija Creek      | 45         | Canada del Capitan               |
| 11         | Kennedy Canyon      | 46         | Canada del Corral                |
| 12         | Coyote Creek        | 47         | Canada del Refugio               |
| 13         | Los Sauces Creek    | 48         | Tajiquas Creek                   |
| 14         | Rincon Creek        | 49         | Arroyo Quemado                   |
| 15         | Carpinteria Creek   | 50         | Arroyo Hondo                     |
| 16         | Franklin Canyon     | 51         | Gaviota                          |
| 17         | Santa Monica Canyon | 52         | Juncal Reservoir                 |
| 18         | Arroyo Parida       | 53         | Gibraltar Reservoir              |
| 19         | Toro Canyon         | 54         | Lower Santa Ynez Canyon          |
| 20         | Ficay Canyon        | 55         | Ballard Creek                    |
| 21         | Romero Canyon       | 56         | Santa Aqueda Creek               |
| 22         | West Romero Canyon  | 57         | La Zaca Creek                    |
| 23         | San Ysidro Canyon   | 58         | Sisquoc River                    |
| 24         | Oak Creek           | 59         | Upper Cuyama River               |
| 25         | Hot Springs Canyon  | 60         | Cuyama Valley                    |
| 26         | Cold Springs Canyon | 61         | Lower Cuyama River               |
| 27         | Sycamore Canyon     | 62         | Alamo Creek                      |
| 28         | Mission Canyon      | 63         | Huasna River                     |
| 29         | San Roque Canyon    | 64         | Arroyo Grande Creek              |
| 30         | Atascadero Creek    | 65         | Lopez Canyon                     |
| 31         | San Antonio Creek   | 66         | Pismo Creek                      |
| 32         | Maria Ygnacio Creek | 67         | San Luis Obispo Creek            |
| 33         | San Jose Creek      | 68         | San Bernardo and<br>Chorro Creek |
| 34         | San Pedro Canyon    | 69         | Morro Creek                      |
| 35         | Bartlett Canyon     | 70         | Toro Creek                       |

LOS PADRES NATIONAL FOREST

FIRE DAMAGE APPRAISAL UNITS

1948

SCALE IN MILES  
0 2 4 6 8 10

LEGEND

- P-21 UNIT NUMBER
- UNIT BOUNDARY
- FOREST BOUNDARY
- STREAM

PACIFIC OCEAN

SANTA BARBARA CHANNEL

CALIFORNIA FOREST & RANGE EXPERIMENT STATION



AVERAGE RUN-OFF AND EROSION DAMAGE EXPECTED FROM FUTURE FIRES ON WATERSHEDS OF LOS PADRES NATIONAL FOREST

| Fire Damage Appraisal Unit     | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              |              |              | (dol lars per acre) |                  |                  |                   |
|--------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|---------------------|------------------|------------------|-------------------|
|                                |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000      | 15,001 to 25,000 | 25,001 to 50,000 | 50,001 to 100,000 |
| P-1 PIRU CREEK .....           | 257,721       | 0.00                     | 0.05     | 0.05     | 0.10      | 0.15       | 0.30       | 0.50       | 0.90        | 1.30         | 1.75         | 2.10         | 2.15         | 2.20                | 2.20             | 2.30             | 2.30              |
| P-2 HOPPER CANYON .....        | 14,400        | 0.75                     | 2.25     | 3.65     | 5.80      | 10.30      | 17.40      | 26.80      | 26.90       | 28.90        | 27.00        | 27.20        | 27.50        | 28.40               |                  |                  |                   |
| P-3 FAIRVIEW .....             | 2,516         | 1.40                     | 6.45     | 11.00    | 17.45     | 30.30      | 52.00      | 72.50      | 80.50       | 80.50        | 80.50        | 80.50        | 80.50        |                     |                  |                  |                   |
| P-4 POLE CANYON .....          | 5,035         | 0.70                     | 3.20     | 5.30     | 8.70      | 15.10      | 26.00      | 34.80      | 36.20       | 38.10        | 41.60        | 47.20        | 51.00        |                     |                  |                  |                   |
| P-5 SESPE CREEK .....          | 151,244       | 0.15                     | 0.55     | 0.90     | 1.50      | 2.60       | 4.60       | 8.40       | 11.80       | 12.30        | 12.40        | 12.40        | 12.40        | 12.40               | 12.40            | 12.40            | 13.70             |
| P-6 LOWER SESPE CREEK .....    | 4,115         | 0.40                     | 1.70     | 3.10     | 4.80      | 8.40       | 14.30      | 26.00      | 36.90       | 37.90        | 39.60        | 40.90        |              |                     |                  |                  |                   |
| P-7 BOULDER CREEK .....        | 9,325         | 0.90                     | 3.55     | 5.90     | 9.50      | 16.50      | 28.90      | 52.50      | 72.00       | 73.50        | 75.50        | 77.00        | 77.00        |                     |                  |                  |                   |
| P-8 SANTA PAULA CREEK .....    | 24,652        | 0.75                     | 2.15     | 3.55     | 5.70      | 9.60       | 16.70      | 30.60      | 41.00       | 42.60        | 43.10        | 43.80        | 45.10        | 47.40               | 53.50            |                  |                   |
| P-9 SAN ANTONIO CREEK .....    | 15,186        | 0.80                     | 2.75     | 4.60     | 7.40      | 13.50      | 23.10      | 44.40      | 61.00       | 61.50        | 62.50        | 63.50        | 66.00        | 70.50               | 73.00            |                  |                   |
| P-10 MATTILJA CREEK .....      | 49,306        | 1.70                     | 6.40     | 10.80    | 17.00     | 29.90      | 51.50      | 96.00      | 132.00      | 135.00       | 134.00       | 134.00       | 135.00       | 136.00              | 141.00           |                  |                   |
| P-11 KENNEDY CANYON .....      | 3,023         | 0.45                     | 1.35     | 2.25     | 3.60      | 6.30       | 10.00      | 17.20      | 30.70       | 28.00        | 28.70        | 28.70        |              |                     |                  |                  |                   |
| P-12 COYOTE CREEK .....        | 17,992        | 0.60                     | 2.00     | 3.45     | 5.90      | 10.00      | 17.20      | 30.70      | 42.50       | 43.70        | 44.00        | 44.10        | 44.40        | 44.70               | 45.00            |                  |                   |
| P-13 LOS SAUCES CREEK .....    | 2,933         | 0.35                     | 1.30     | 2.40     | 4.20      | 8.20       | 13.30      | 16.70      | 17.10       | 17.70        | 19.40        |              |              |                     |                  |                  |                   |
| P-14 RINCON CREEK .....        | 8,735         | 1.10                     | 2.30     | 6.20     | 10.50     | 16.90      | 25.00      | 29.40      | 30.20       | 30.20        | 30.30        | 30.50        | 31.00        |                     |                  |                  |                   |
| P-15 CARPINTERIA CREEK .....   | 8,128         | 1.50                     | 5.50     | 10.50    | 16.80     | 28.70      | 49.30      | 90.50      | 125.00      | 125.00       | 129.00       | 132.00       | 143.00       |                     |                  |                  |                   |
| P-16 FRANKLIN CANYON .....     | 1,217         | 22.40                    | 103.00   | 177.00   | 280.00    | 356.00     | 363.00     | 377.00     | 388.00      | 388.00       |              |              |              |                     |                  |                  |                   |
| P-17 SANTA MONICA CANYON ..... | 2,390         | 3.30                     | 12.50    | 23.50    | 37.70     | 65.00      | 110.00     | 144.00     | 149.00      | 155.00       | 166.00       |              |              |                     |                  |                  |                   |
| P-18 ARROYO PARIDA .....       | 2,159         | 3.40                     | 15.40    | 26.70    | 42.20     | 73.00      | 96.50      | 98.00      | 101.00      | 105.00       | 112.00       |              |              |                     |                  |                  |                   |
| P-19 TORO CANYON .....         | 1,329         | 2.25                     | 9.90     | 15.50    | 24.20     | 39.20      | 59.00      | 63.50      | 81.50       | 109.00       |              |              |              |                     |                  |                  |                   |
| P-20 FICAY CANYON .....        | 634           | 6.70                     | 29.30    | 51.50    | 81.50     | 105.00     | 114.00     | 126.00     | 138.00      |              |              |              |              |                     |                  |                  |                   |
| P-21 ROMERO CANYON .....       | 1,254         | 2.50                     | 10.30    | 17.10    | 28.20     | 48.70      | 82.00      | 108.00     | 120.00      | 133.00       |              |              |              |                     |                  |                  |                   |
| P-22 WEST ROMERO CANYON .....  | 693           | 16.20                    | 75.00    | 125.00   | 199.00    | 253.00     | 258.00     | 267.00     | 275.00      |              |              |              |              |                     |                  |                  |                   |
| P-23 SAN YSIDRO CANYON .....   | 2,009         | 9.80                     | 41.30    | 71.00    | 114.00    | 198.00     | 263.00     | 278.00     | 303.00      | 342.00       | 390.00       |              |              |                     |                  |                  |                   |
| P-24 OAK CREEK .....           | 251           | 37.40                    | 172.00   | 297.00   | 367.00    | 402.00     | 470.00     |            |             |              |              |              |              |                     |                  |                  |                   |
| P-25 HOT SPRINGS CANYON .....  | 496           | 35.00                    | 89.00    | 137.00   | 278.00    | 396.00     | 455.00     | 453.00     |             |              |              |              |              |                     |                  |                  |                   |

1/ For fires greater than 200,000 acres use \$2.45 per acre.



| Fire Damage Appraisal Unit     | Area in Acres | Fire size class in acres |          |          |           |            |            |            |             |              |              |              |              |                |                  |                  |
|--------------------------------|---------------|--------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------------|------------------|------------------|
|                                |               | 0 to 20                  | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000 |
| (dollars per acre)             |               |                          |          |          |           |            |            |            |             |              |              |              |              |                |                  |                  |
| P-26 COLD SPRINGS CANYON ..... | 2,386         | 9.80                     | 42.10    | 74.50    | 116.00    | 205.00     | 270.00     | 277.00     | 288.00      | 305.00       | 337.00       |              |              |                |                  |                  |
| P-27 SYCAMORE CANYON .....     | 885           | 28.90                    | 133.00   | 230.00   | 276.00    | 279.00     | 284.00     | 296.00     | 321.00      |              |              |              |              |                |                  |                  |
| P-28 MISSION CANYON .....      | 3,745         | 14.40                    | 52.00    | 102.00   | 163.00    | 278.00     | 367.00     | 376.00     | 388.00      | 405.00       | 434.00       | 472.00       |              |                |                  |                  |
| P-29 SAN ROQUE CANYON .....    | 3,092         | 7.10                     | 32.80    | 56.00    | 89.00     | 155.00     | 202.00     | 203.00     | 204.00      | 207.00       | 210.00       | 213.00       |              |                |                  |                  |
| P-30 ATASCADERO CREEK .....    | 472           | 10.90                    | 50.00    | 86.50    | 104.00    | 106.00     | 110.00     | 119.00     |             |              |              |              |              |                |                  |                  |
| P-31 SAN ANTONIO CREEK .....   | 2,956         | 4.65                     | 16.50    | 29.00    | 48.70     | 84.00      | 111.00     | 115.00     | 120.00      | 128.00       | 153.00       |              |              |                |                  |                  |
| P-32 MARIA IGNACIO CREEK ..... | 3,422         | 4.20                     | 16.70    | 30.90    | 47.80     | 82.50      | 114.00     | 117.00     | 121.00      | 128.00       | 138.00       | 151.00       |              |                |                  |                  |
| P-33 SAN JOSE CREEK .....      | 4,202         | 7.20                     | 32.00    | 53.00    | 85.50     | 148.00     | 196.00     | 201.00     | 202.00      | 204.00       | 206.00       | 212.00       |              |                |                  |                  |
| P-34 SAN PEDRO CANYON .....    | 1,766         | 2.30                     | 9.50     | 17.10    | 26.60     | 46.80      | 79.00      | 102.00     | 107.00      | 115.00       | 120.00       |              |              |                |                  |                  |
| P-35 BARTLETT CANYON .....     | 1,566         | 2.05                     | 8.00     | 14.90    | 23.70     | 40.70      | 53.50      | 54.50      | 55.50       | 55.50        | 58.50        |              |              |                |                  |                  |
| P-36 GLEN ANNE CANYON .....    | 1,725         | 1.00                     | 3.65     | 6.25     | 10.20     | 18.80      | 31.10      | 39.80      | 42.50       | 49.80        |              |              |              |                |                  |                  |
| P-37 ELWOOD CANYON .....       | 1,781         | 0.40                     | 2.00     | 3.40     | 5.60      | 9.60       | 12.80      | 13.60      | 15.00       | 17.00        | 19.00        |              |              |                |                  |                  |
| P-38 WINGHESTER CANYON .....   | 577           | 1.45                     | 6.70     | 11.60    | 14.20     | 14.90      | 16.10      | 20.20      |             |              |              |              |              |                |                  |                  |
| P-39 TECOLATE CANYON .....     | 2,677         | 0.75                     | 2.40     | 4.10     | 6.80      | 11.80      | 14.50      | 14.80      | 14.90       | 15.00        | 15.30        |              |              |                |                  |                  |
| P-40 EAGLE CANYON .....        | 1,881         | 0.30                     | 1.25     | 2.10     | 3.45      | 4.70       | 5.00       | 5.30       | 5.50        | 5.80         | 6.20         |              |              |                |                  |                  |
| P-41 DOS PUEBLOS CANYON .....  | 4,049         | 0.25                     | 0.90     | 1.50     | 2.50      | 4.50       | 7.50       | 9.80       | 9.90        | 10.10        | 10.40        | 10.90        |              |                |                  |                  |
| P-42 LAS VARAS CANYON .....    | 1,233         | 0.40                     | 1.85     | 3.10     | 4.90      | 6.20       | 6.40       | 6.60       | 6.80        | 7.20         |              |              |              |                |                  |                  |
| P-43 GATO CANYON .....         | 1,965         | 0.25                     | 0.75     | 1.25     | 2.05      | 3.65       | 3.80       | 3.95       | 4.20        | 4.30         | 4.50         |              |              |                |                  |                  |
| P-44 LAS YEGUAS CANYON .....   | 915           | 0.00                     | 0.10     | 0.20     | 0.30      | 0.50       | 0.90       | 1.65       | 3.45        |              |              |              |              |                |                  |                  |
| P-45 CANADA DEL CAPITAN .....  | 3,526         | 0.00                     | 0.05     | 0.15     | 0.20      | 0.45       | 0.65       | 0.70       | 0.70        | 0.75         | 0.85         | 1.00         |              |                |                  |                  |
| P-46 CANADA DEL CORRAL .....   | 3,904         | 0.05                     | 0.30     | 0.50     | 0.80      | 1.35       | 2.35       | 3.15       | 3.45        | 4.00         | 4.85         | 6.30         |              |                |                  |                  |
| P-47 CANADA DEL REFUGIO .....  | 3,652         | 0.45                     | 1.55     | 2.80     | 4.80      | 9.10       | 12.90      | 18.00      | 21.50       | 23.30        | 23.50        | 23.70        |              |                |                  |                  |
| P-48 TAJIQUAS CREEK .....      | 2,861         | 0.10                     | 0.30     | 0.65     | 0.95      | 1.65       | 2.75       | 3.50       | 3.75        | 4.15         | 5.25         |              |              |                |                  |                  |
| P-49 ARROYO QUEMADO .....      | 1,440         | 0.15                     | 0.45     | 1.00     | 1.60      | 2.70       | 3.85       | 4.90       | 6.70        | 10.10        |              |              |              |                |                  |                  |
| P-50 ARROYO HONDO .....        | 2,317         | 0.05                     | 0.25     | 0.40     | 0.65      | 1.15       | 1.95       | 2.55       | 2.65        | 2.80         | 3.05         |              |              |                |                  |                  |
| P-51 GAVIOTA .....             | 5,421         | 0.35                     | 1.40     | 3.00     | 5.50      | 11.00      | 12.00      | 12.80      | 13.40       | 14.20        | 14.80        | 14.80        |              |                |                  |                  |



| Fire Damage Appraisal Unit       | Area in Acres | Fire size class in acres (dollars per acre) |          |          |           |            |            |            |             |              |              |              |              |                |                  |                    |                   |                    |
|----------------------------------|---------------|---------------------------------------------|----------|----------|-----------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------------|------------------|--------------------|-------------------|--------------------|
|                                  |               | 0 to 20                                     | 21 to 40 | 41 to 60 | 61 to 100 | 101 to 180 | 181 to 300 | 301 to 600 | 601 to 1000 | 1001 to 1750 | 1751 to 3000 | 3001 to 5000 | 5001 to 9000 | 9001 to 15,000 | 15,001 to 25,000 | 25,001 to 50,000   | 50,001 to 100,000 | 100,001 to 200,000 |
| P-52 JUNCAL RESERVOIR .....      | 8,630         | 1.70                                        | 7.90     | 13.60    | 21.40     | 37.20      | 63.50      | 118.00     | 163.00      | 163.00       | 164.00       | 164.00       | 164.00       | 164.00         | 164.00           | 164.00             | 164.00            |                    |
| P-53 GIBRALTAR RESERVOIR .....   | 126,908       | 0.95                                        | 4.35     | 7.50     | 11.90     | 20.60      | 35.40      | 65.50      | 90.00       | 90.50        | 90.50        | 90.50        | 90.50        | 90.50          | 90.50            | 90.50              | 90.50             | 91.00              |
| P-54 LOWER SANTA YNEZ CANYON ..  | 146,656       | 0.05                                        | 0.15     | 0.30     | 0.50      | 1.00       | 1.70       | 3.10       | 5.60        | 7.20         | 7.70         | 8.00         | 8.00         | 8.00           | 8.00             | 8.00               | 8.10              | 8.20               |
| P-55 BAILLARD CREEK .....        | 17,122        | 0.10                                        | 0.35     | 0.60     | 0.90      | 1.60       | 2.70       | 4.20       | 6.10        | 7.60         | 8.00         | 8.20         | 8.50         | 8.80           |                  |                    |                   |                    |
| P-56 SANTA AQUEDA CREEK .....    | 18,213        | 0.05                                        | 0.20     | 0.50     | 0.90      | 1.50       | 2.80       | 5.20       | 6.50        | 7.20         | 7.80         | 7.80         | 7.90         | 7.90           |                  |                    |                   |                    |
| P-57 LA ZACA CREEK .....         | 13,098        | 0.05                                        | 0.20     | 0.40     | 0.60      | 1.10       | 1.80       | 3.30       | 5.90        | 8.00         | 8.40         | 8.50         | 8.60         | 9.00           |                  |                    |                   |                    |
| P-58 SISQUOC RIVER .....         | 270,034       | 0.10                                        | 0.35     | 0.60     | 0.95      | 1.65       | 2.80       | 5.20       | 7.20        | 7.40         | 7.60         | 7.70         | 7.80         | 7.90           | 8.40             | 9.50 <sup>1/</sup> |                   |                    |
| P-59 UPPER CUTAMA RIVER .....    | 118,301       | 0.00                                        | 0.00     | 0.00     | 0.05      | 0.10       | 0.20       | 0.50       | 0.80        | 1.25         | 1.60         | 1.75         | 1.90         | 2.00           | 2.00             | 2.00               | 2.05              | 2.05               |
| P-60 CUTAMA VALLEY .....         | 122,282       | 0.00                                        | 0.00     | 0.10     | 0.15      | 0.30       | 0.55       | 1.00       | 1.55        | 2.15         | 2.45         | 2.45         | 2.45         | 2.45           | 2.45             | 2.50               | 2.50              | 2.55               |
| P-61 LOWER CUTAMA RIVER .....    | 94,122        | 0.00                                        | 0.05     | 0.10     | 0.15      | 0.30       | 0.55       | 0.95       | 1.30        | 1.35         | 1.35         | 1.40         | 1.45         | 1.55           | 1.70             | 1.70               | 1.70              | 2.20               |
| P-62 ALAMO CREEK .....           | 53,777        | 0.00                                        | 0.10     | 0.20     | 0.30      | 0.55       | 1.00       | 1.80       | 2.55        | 2.65         | 2.65         | 2.70         | 2.75         | 2.85           | 3.10             | 3.50               | 3.90              |                    |
| P-63 HUASNA RIVER .....          | 68,188        | 0.05                                        | 0.10     | 0.20     | 0.35      | 0.60       | 1.05       | 1.70       | 2.15        | 2.15         | 2.15         | 2.15         | 2.15         | 2.25           | 2.30             | 2.45               | 2.75              | 3.30               |
| P-64 ARROYO GRANDE CREEK .....   | 11,247        | 0.80                                        | 2.10     | 3.25     | 4.85      | 8.50       | 13.60      | 14.40      | 14.50       | 14.90        | 15.20        | 15.70        | 16.70        | 18.00          |                  |                    |                   |                    |
| P-65 LOPEZ CANYON .....          | 19,348        | 0.50                                        | 1.80     | 3.00     | 4.75      | 8.10       | 11.20      | 11.70      | 11.90       | 12.00        | 12.20        | 12.40        | 13.10        | 14.20          | 15.70            |                    |                   |                    |
| P-66 PISMO CREEK .....           | 4,716         | 0.60                                        | 1.50     | 2.35     | 3.50      | 5.60       | 7.20       | 8.90       | 9.90        | 10.20        | 10.80        | 12.20        |              |                |                  |                    |                   |                    |
| P-67 SAN LUIS OBISPO CREEK ..... | 7,397         | 0.45                                        | 1.75     | 2.80     | 4.40      | 7.40       | 12.30      | 19.40      | 20.80       | 22.40        | 25.30        | 29.80        | 39.90        |                |                  |                    |                   |                    |
| P-68 SAN BERNARDO AND CHORRO ..  | 8,123         | 0.05                                        | 0.30     | 0.50     | 0.80      | 1.40       | 2.45       | 3.10       | 3.15        | 3.25         | 3.40         | 3.80         | 4.25         |                |                  |                    |                   |                    |
| P-69 MORRO CREEK .....           | 8,461         | 0.10                                        | 0.40     | 0.80     | 1.50      | 2.65       | 3.90       | 4.60       | 4.70        | 4.90         | 5.30         | 5.90         | 7.60         |                |                  |                    |                   |                    |
| P-70 TORO CREEK .....            | 6,145         | 0.10                                        | 0.45     | 0.90     | 1.70      | 2.70       | 4.15       | 6.70       | 6.80        | 6.90         | 7.00         | 7.30         | 7.70         |                |                  |                    |                   |                    |

<sup>1/</sup> For fires greater than 200,000 acres use \$11.10 per acre.





